

Docket No. 2839-0065-3PCT

IN RE APPLICATION OF: YUSUKE SHIOTA ET AL.

SERIAL NO: 09/147,428

CPA FILED: DECEMBER 17, 2001

FOR: APPARATUS FOR TREATING WASTE WATER

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

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MAY 29 2002

TC 1700

SIR:

Transmitted herewith is an amendment in the above-identified application.

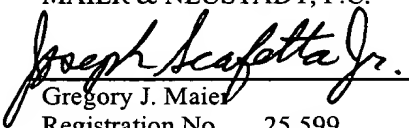
- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ Additional documents filed herewith: Marked-up Copy

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	13	MINUS	33	0	× \$18 =	\$0.00
INDEPENDENT	5	MINUS	11	0	× \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

- ☐ A check in the amount of _____ is attached.
- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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DOCKET NO: 2839-0065-3PCT



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :
YUSUKE SHIOTA ET AL. : GROUP ART UNIT: 1724
SERIAL NO: 09/147,428 :
CPA FILED: DECEMBER 17, 2001 : EXAMINER: CINTINS, I.
FOR: APPARATUS FOR TREATING WASTE WATER

AMENDMENT

Commissioner of Patents
Washington, DC 20231

SIR:

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In response to the Office Action dated February 26, 2002, please amend the above-identified application as follows:

IN THE SPECIFICATION

Page 23, lines 10-25, please ~~delete~~ the paragraph and ~~replace~~ it with the following paragraph:

31
The specific gravity of the granular substance is not specifically limited, and may be properly determined. In general, however, the specific gravity thereof is 2.5 or larger, and preferably in the range between 4 to 12. If the specific gravity is too small, sufficient pressure cannot be given to the solid catalyst packed bed. In this case, in order to give sufficient pressure to the solid catalyst, it is necessary to increase the amount of the granular substance, which creates a problem of high cost and the like. In addition, a small specific gravity has another problem in that, when waste water and air are introduced at a high flow rate from the bottom of the solid catalyst packed bed, the granular substance tends to move easily and is abraded. In this